

Peak District National Park

Forecast valid from 06:00 on Friday 20 Oct 2023 until 23:59 on Saturday 21 Oct 2023

Forecast Issued on Friday 20 Oct 2023 at 03:57

Confidence: Low for forecast details over the coming days.

Headline for Friday 20 Oct 2023: Very wet and windy through Friday.

Mountain weather hazards on Friday 20 Oct 2023

Blizzards

No Likelihood

Gales

Medium Likelihood

Thunderstorms

No Likelihood

Heavy persistent snow

No Likelihood

Severe chill effect

Medium Likelihood

Heavy persistent rain

High Likelihood

Storm force winds

No Likelihood

Poor visibility

High Likelihood

Strong sunlight

No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
					
Heavy Rain	Heavy Rain	Heavy Rain	Heavy Rain	Heavy Rain	Heavy Rain
Precipitation probability					
>95%	>95%	90%	90%	80%	80%

Forecast for Friday 20 Oct 2023

Weather: Heavy and persistent rain for much of the day as the impact of Storm Babet continue. Strong winds easterly winds throughout.

Chance of cloud-free hill tops above 600m: 10% in the east, 20% in the west.

Low cloud and visibility: Cloud bases down to 300-500m for much of the day, perhaps occasionally lifting and breaking in the west to become more scattered around 400-600m. Visibility moderate to poor in rain.

Forecast for Friday 20 Oct 2023

Height (m)	Wind Speed mean/gusts (mph)				Wind Direction (blowing from)		
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	34/41 NE	35/43 E	32/42 E	31/41 E	28/37 NE	23/31 NE	18/25 NE
300	27/37 NE	29/40 E	28/41 E	25/37 E	22/33 NE	18/28 NE	15/24 NE
Valley	21/44 NE	21/46 E	21/44 E	19/41 E	17/36 NE	16/32 NE	15/29 NE

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	9/4	8/3	7/2	7/1	6/0	6/0	6/1
300	12/7	11/6	10/6	9/5	8/4	8/4	8/4
Valley	12/8	11/7	10/7	10/6	9/5	8/5	8/5
Freezing Level*	2600m	2700m	2500m	2300m	2000m	1800m	1800m

*Level above which ground is expected to be frozen/snow is expected to settle.

Meteorologist's View

A poor day at height with some persistent heavy rain likely and strong winds giving a risk of significant wind chill. A Met Office AMBER rain warning in force for much of the day. Forecast details also lower confidence than usual, makes sure to stay up to date with the latest forecast if heading out.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Fri 20 Oct 2023	n/a	n/a	n/a

Forecast for Saturday 21 Oct 2023

Weather: Rain clearing and winds eases overnight to give a cloudy start with patchy outbreaks of light rain during Saturday morning. Scattered showers with some brighter spells during the afternoon.

Maximum wind: North-easterly 15-20 mph gusting 25-30 mph during the early hours becoming north-westerly 15-20 mph gusting 25-30 mph into the afternoon.

Chance of cloud-free hill tops above 600m: 20% at first, improving to 70% into the afternoon.

Low cloud and visibility: Broken cloud base 400-600m at first, becoming few into the afternoon. Visibility generally good outside of cloud, perhaps reducing to moderate in showers.

Temperature: **Valleys:** Plus 8 rising to plus 12 Celsius
At 600m: Plus 6 rising to plus 9 Celsius
Freezing level: Above summits